

ATTORNEY DOCKET NO. NL 010158 (PHIL06-00053)
U.S. SERIAL NO. 10/085,669
PATENT

IN THE CLAIMS:

Please amend the claims as follows, substituting any amended claim(s) for the corresponding pending claims:

1 1. (previously amended) A module comprising a substrate with a side, a semiconductor device, a
2 shield of an electrically conducting material, and an antenna, said shield being present between the
3 antenna and the semiconductor device, wherein the shield and the antenna are present substantially
4 at the same side of the substrate as the semiconductor device.

1 2. (previously amended) A module as claimed in claim 1, wherein the shield is connected to the
2 antenna by a support means.

1 3. (previously amended) A module as claimed in claim 2, wherein the shield and the antenna are
2 metal plates which each comprise a first, a second, and a third portion, said second portion adjoining
3 the first and the third portion and being oriented substantially parallel to the substrate, while at least
4 one of said first and third portions is connected with electrical conduction to electrical conductors
5 at one of the sides of the substrate.

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1 4. (previously amended) A module as claimed in claim 3, wherein the support means comprises a
2 rubbery, electrically insulating material.

1 5. (previously amended) A module as claimed in claim 3, wherein the support means is a strip
2 having a first end and a second end, which strip is undetachably connected at its first end to the metal
3 plate of the antenna and is fastened at its second end to the shield.

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1 6. (previously amended) A module as claimed in claim 3, wherein the third portion of the antenna
2 is provided with teeth which are connected to the electrical conductors at one of the sides of the
3 substrate.

1 7. (previously amended) A module as claimed in claim 2, wherein the support means is the carrier
2 of the antenna and comprises an electrically insulating material, the shield is a metal plate which
3 comprises a first, a second, and a third portion, said second portion adjoining the first and the third
4 portion and being oriented substantially parallel to the substrate, while at least one of said first and
5 third portions are connected with electrical conduction to electrical conductors at one of the sides
6 of the substrate, and the support means is fastened on the shield.

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1 8. (amended) A module as claimed in claim 2, wherein the support means is the carrier of the
2 antenna and of the shield.

1 9. (amended) A module as claimed in claim 8, wherein the support means comprises a first, a
2 second, and a third portion, said second portion adjoining the first and the third portion and being
3 oriented so as to be substantially parallel to the substrate, while said first and third portions extend
4 up to the substrate.

1 10. (unchanged) An electronic device provided with a module as claimed in claim 1.

1 11. (amended) An electronic device as claimed in claim 10, wherein a carrier is present on which
2 the module and at least one component are fastened, which component emits radiation during
3 operation of the device, the module and the component each having a height with respect to the
4 carrier such that the height of the module is greater than the height of the component.

Please add the following new claims:

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1 12. (newly added) A tuner module comprising:
2 a substrate with a side;
3 a semiconductor device mounted on the side of the substrate;
4 a shield of an electrically conducting material mounted on the side of the substrate; and
5 an antenna mounted over the side the substrate,
6 wherein the shield is disposed between the antenna and the semiconductor device.

1 13. (newly added) The tuner module according to claim 12, wherein the shield comprises a shaped
2 metal plate including first, second and third adjoining portions, the second shield portion being
3 oriented substantially parallel to the substrate and at least one of the first and third shield portions
4 connected with electrical conduction to electrical conductors at one of the sides of the substrate, and
5 wherein the antenna comprises a shaped metal plate including first, second and third adjoining
6 portions, the second antenna portion being oriented substantially parallel to the substrate and at least
7 one of the first and third antenna portions connected with electrical conduction to electrical
8 conductors at one of the sides of the substrate.

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1 14. (newly added) The tuner module according to claim 13, further comprising:
2 a support means between the antenna and the shield in the form of a strip having a first end
3 undetectably connected to the metal plate of the antenna and a second end fastened to the shield.

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1 15. (newly added) The tuner module according to claim 13, further comprising:
2 an electrically insulating support means carrying the antenna,
3 wherein the shield comprises a shaped metal plate including first, second and third adjoining
4 portions, the second shield portion being oriented substantially parallel to the substrate and at least
5 one of the first and third shield portions connected with electrical conduction to electrical conductors
6 at one of the sides of the substrate, and
7 wherein the support means is fastened on the shield.

1 16. (newly added) The tuner module according to claim 15, wherein the support means comprises
2 first, second and third adjoining portions, the second support means portion being oriented
3 substantially parallel to the substrate and the first and third shield portions extending up to the
4 substrate.

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1 17. (newly added) An assembly including the tuner module according to claim 13, the assembly
2 further comprising:

3 a carrier on which the tuner module is mounted;
4 at least one component mounted on the carrier and emitting radiation during operation
5 thereof.

1 18. (newly added) The assembly according to claim 17, wherein a height of the tuner module
2 relative to the carrier is greater than a height of the at least one component relative to the carrier.

1 19. (newly added) A tuner module comprising:
2 a substrate;
3 a semiconductor device mounted on the substrate;
4 a shield of an electrically conducting material mounted on the substrate and, together with
5 the substrate, enclosing the semiconductor device; and
6 an antenna or antenna support mounted over the shield and, together with the substrate,
7 enclosing the shield.

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1 20. (newly added) The tuner module according to claim 19, wherein the tuner module comprises the
2 antenna support and further comprises an antenna disposed on the antenna support.